

1. A plural channel pipette tip which comprises:  
a tubular body for mounting on a single pipette at a first  
end;

5 a second end of said tubular body having a plurality of  
spaced, approximately parallel, legs extending away from said  
tubular body;

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a channel extending through each leg having a proximal end  
in communication with said tubular body and an open distal end;  
and

10 said plurality of legs sized to permit all of said open  
distal ends to fit within a single supply well and to permit each  
leg to fit within a separate micro titration well in a micro  
titration plate.

2. The plural channel pipette tip system according to claim  
1 wherein at least some of said channels have open distal ends  
with different cross sectional areas.

3. The plural channel pipette tip according to claim 1  
wherein four legs are provided in a rectangular pattern.

20 4. The plural channel pipette tip according to claim 1  
wherein two legs are provided.

5. A plural channel pipette tip and storage rack system  
which comprises:

a tubular body for mounting on a single pipette at a first  
end;

a second end of said tubular body having a plurality of spaced legs extending away from said tubular body;

a channel extending through each leg having a proximal end in communication with said tubular body and an open distal end;

5 a rack having openings for storing a plurality of said pipette tips prior to use; and

cooperating alignment means on said tubular body first end and at said storage rack openings to assure that each pipette tip will mount on each pipette in a predetermined alignment.

10 6. The plural channel pipette tip and storage rack system according to claim 5 wherein at least some of said channels have open distal ends with different cross sectional areas.

15 7. The plural channel pipette tip and storage rack system according to claim 5 wherein said alignment means comprises a ridge on said pipette tip and a cooperating recess in said storage rack at said storage rack openings.

8. The plural channel pipette tip and storage rack system according to claim 5 wherein four of said legs are provided in a rectangular pattern.

20 9. A kit for performing rapid and accurate titrations which comprises:

a tubular body for mounting on a single pipette at a first end;

a second end of said tubular body having a plurality of

spaced legs extending away from said tubular body;

a channel extending through each leg having a proximal end in communication with said tubular body and an open distal end;

a storage rack having a plurality of holes for  
5 simultaneously receiving all of said plural legs on one pipette tip and at least a portion of said tubular body;

cooperating alignment means on said tubular body and said storage rack to assure that each pipette tip will mount on each pipette in a predetermined alignment;

10 a pipette for insertion into said pipette tip and for releasably retaining said pipette tip thereon;

a supply rack having a plurality of supply wells, each of said wells configured to admit all of said plural legs; and

15 a micro titration plate having a plurality of micro titration wells, said micro titration wells configured to admit individual said legs into a corresponding plurality of individual micro titration wells.

20 10. The kit according to claim 9 wherein at least some of said channels have open distal ends have different cross sectional areas.

11. The kit according to claim 9 wherein four approximately parallel legs are provided in a rectangular pattern.

12. The kit according to claim 9 wherein two approximately parallel legs are provided.

13. The kit according to claim 5 wherein said alignment means comprises a ridge on said pipette tip and a cooperating recess in said storage rack.

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